

Flapwheels



- Flapwheels on shaft
- Quick-change flapwheels
- Flapwheels with bore



TAF range of flapwheels include:

FLAPWHEELS WITH BORE

Traditional flapwheels with bore, made up of flaps of abrasive cloth arranged radially and held by a pair of metal flanges. Flapwheels mounting is carried out by the reduction flanges on portable grinders or stationary grinding machines.

QUICK-CHANGE FLAPWHEELS

Smaller in diameter and equipped with a threaded hub, which allows them to be quickly mounted on angle grinders.

FLAPWHEELS ON SHAFT

With an even smaller diameter, flapwheels on shaft are fitted with a central steel shank, which allows the mounting on the spindles of portable electric or pneumatic machines and flexible shaft grinders.

Thanks to their structure, flapwheels work without clogging, without heating and therefore without deformation of even thin pieces. Furthermore, the quality of the surfaces obtained remains constant until the wheel is completely worn and the finishing degree is uniform.

GRIT SELECTION

With an appropriate grit selection, all roughing, cleaning and finishing operations can be carried out with flapwheels.

It is important to note that, when compared to abrasive belts, the grain of a flapwheel must be slightly coarser to obtain an equivalent finishing degree.

The abrasive action of the selected grit is significantly influenced by the rotation speed: in order to improve the finishing degree, with the same grit, the speed must be increased. To improve the cutting efficiency it may be advisable to adopt a finer grit by decreasing the speed.

ABRASIVES

- | | |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| ALUMINIUM OXIDE: | <ul style="list-style-type: none"> • suitable on steel, cast iron and metals in general. • good finishing. |
| ZIRCONIUM OXIDE: | <ul style="list-style-type: none"> • ideal on inox and hard alloys. • aggressive and fast cut. |
| SILICON CARBIDE: | <ul style="list-style-type: none"> • suitable on marble, granite and other natural stones. |

FLAPWHEELS ON SHAFT

METAL RANGE "X"

Flapwheels on shaft are designed for use on portable electric, pneumatic and flexible shaft machines for grinding and finishing operations on all types of metallic materials. They are suitable for internal and external pipe finishing, or for small components and for intricate surfaces. These products are made with heavy cotton cloth (X backing) to ensure a fast and aggressive cutting.



FLAPWHEELS IN ALUMINIUM OXIDE CLOTH (X backing) item **RG17**

Diameter mm	Width mm	Shaft Ø mm	List Price Each					Packing	Max rpm
			220	120	80	60	40		
30	10	6	2,53	2,48	2,47	2,47	2,47	25	25500
30	15	6	2,62	2,55	2,54	2,54	2,54	25	25500
30	20	6	2,73	2,63	2,60	2,60	2,60	25	25500
40	15	6	2,94	2,81	2,77	2,73	2,73	25	19100
40	20	6	3,10	2,96	2,91	2,83	2,83	25	19100
40	30	6	3,49	3,36	3,16	3,04	3,04	25	19100
50	20	6	3,55	3,35	3,24	3,16	3,16	25	15300
50	30	6	4,11	3,79	3,65	3,53	3,53	25	15300
60	15	6	3,79	3,51	3,42	3,28	3,28	25	12750
60	20	6	4,23	3,81	3,69	3,67	3,67	25	12750
60	30	6	5,15	4,54	4,35	4,32	4,32	25	12750
60	40	6	5,99	5,18	4,90	4,79	4,79	25	12750
80	30	6	7,13	5,98	5,76	5,64	5,64	25	9550
80	50	6	10,22	8,51	7,92	7,73	7,73	25	9550

Other dimensions are available upon request

MOUNTING FLAPWHEELS WITH SHAFT

Warning!
Shaft overhang from the collet must not exceed 5mm.

FLEX RANGE "XF"



This range of flapwheels are made in aluminium oxide semiflexible cotton cloth (XF backing). They are designed for grinding, deburring and polishing of intricate surfaces, small components, external pipe finishing.

FLAPWHEELS IN ALUMINIUM OXIDE CLOTH (XF backing) item **RGF10**

Diameter mm	Width mm	Shaft Ø mm	List Price Each					Packing	Max rpm
			220	120	80	60	40		
25 NEW	10	6	2,52	2,52	2,52	2,52	2,52	10	30500
25 NEW	15	6	2,56	2,56	2,56	2,56	2,56	10	30500
30	15	6	2,35	2,31	2,26	2,26	2,26	10	25500
30	20	6	2,44	2,39	2,35	2,35	2,35	10	25500
40	15	6	2,61	2,44	2,44	2,39	2,39	10	19100
40	20	6	2,80	2,61	2,56	2,52	2,52	10	19100
50	20	6	3,19	3,02	2,97	2,88	2,88	10	15300
50	30	6	3,73	3,42	3,29	3,14	3,14	10	15300
60	15	6	3,42	3,10	3,10	2,97	2,97	10	12750
60	20	6	3,82	3,46	3,33	3,29	3,29	10	12750
60	30	6	4,67	4,09	3,91	3,86	3,86	10	12750
80	30	6	6,52	5,52	5,28	5,24	5,24	10	9550

MOUNTING FLAPWHEELS WITH SHAFT

Warning!
Shaft overhang from the collet must not exceed 5mm.

FLAPWHEELS ON SHAFT

INOX RANGE "X"

These flapwheels are used on portable electric, pneumatic and flexible shaft grinders.

They are suitable to be used on small and intricate surfaces.

They are manufactured with zirconium cloth and are particularly suitable for processing stainless steel.



FLAPWHEELS IN ZIRCONIUM OXIDE CLOTH (X backing)

item **RGZ59**

(< 0,1% Fe, S, Cl)

Diameter mm	Width mm	Shaft Ø mm	List Price Each			Packing	Max rpm
			80	60	40		
30 NEW	20	6	2,91	2,91	2,91	10	25500
40 NEW	20	6	3,20	3,11	3,11	10	19100
50 NEW	20	6	3,69	3,59	3,59	10	15300
50 NEW	30	6	4,08	3,93	3,93	10	15300
60 NEW	30	6	4,85	4,80	4,80	10	12750
80 NEW	30	6	6,59	6,54	6,54	10	9550

MOUNTING FLAPWHEELS WITH SHAFT

Warning!

Shaft overhang from the collet must not exceed 5mm.

METAL RANGE



These products are used on portable angle grinders. Suitable for removing welds on irregular surfaces, for pipes finishing and rust removal. They are equipped with M14 threaded bore to be mounted on angle grinders.

FLAPWHEELS IN ALUMINIUM OXIDE CLOTH item **RLM14**

Diameter mm	Width mm	Bore	Grits				List price each	Packing	Max rpm
			120	80	60	40			
115 NEW	20	M14	●	●	●	●	17,53	5	13200
125 NEW	20	M14	●	●	●	●	18,61	5	12000

INOX RANGE



These products are used on portable angle grinders. Suitable for removing welds on irregular surfaces. Ideal for pipes finishing. Recommended for applications on stainless steel. Equipped with M14 threaded bore to be mounted on angle grinders.

FLAPWHEELS IN ZIRCONIUM OXIDE CLOTH item **RLZM14** (< 0,1% Fe, S, Cl)

Diameter mm	Width mm	Bore	Grits				List price each	Packing	Max rpm
			120	80	60	40			
115 NEW	20	M14	●	●	●	●	20,11	5	13200
125 NEW	20	M14	●	●	●	●	21,33	5	12000

FLAPWHEELS WITH BORE

METAL RANGE

Suitable for portable and stationary grinders on stainless steel, special alloys and non-ferrous metals. Reduction flanges are also available to adapt the flapwheel bore to the mounting spindle diameter. RL54 flapwheels are made with cloth item TA10 (XF backing).



FLAPWHEELS IN ALUMINIUM OXIDE item **RL54**

diameter **165**mm - width **30**mm - bore 54mm

List Price Each

320	280	240	220	180	150	120	100	80	60	50	40
28,74	27,64	27,24	27,08	26,47	25,20	25,10	24,40	22,57	21,80	20,80	20,07

Packing 5 - Max rpm 5700

FLAPWHEELS IN ALUMINIUM OXIDE item **RL54**

diameter **165**mm - width **50**mm - bore 54mm

List Price Each

320	280	240	220	180	150	120	100	80	60	50	40
42,28	40,51	39,72	39,40	38,39	36,27	35,85	34,83	31,76	30,44	28,72	27,47

Packing 3 - Max rpm 5700

FLAPWHEELS IN ALUMINIUM OXIDE item **RL54**

diameter **200**mm - width **50**mm - bore 54mm

List Price Each

320	280	240	220	180	150	120	100	80	60	50	40
53,17	52,79	51,52	50,88	48,32	46,29	43,61	42,87	40,48	38,08	37,04	34,55

Packing 3 - Max rpm 4700

FLAPWHEELS IN ALUMINIUM OXIDE item **RL54**

diameter **250**mm - width **50**mm - bore 101mm

List Price Each

320	280	240	220	180	150	120	100	80	60	50
92,86	88,86	84,52	83,98	81,27	76,98	76,15	71,91	67,22	63,74	60,62

Packing 3 - Max rpm 3800

FLAPWHEELS WITH BORE

METAL RANGE

FLAPWHEELS IN ALUMINIUM OXIDE item **RL54**

diameter **300**mm - width **50**mm - bore 101mm

List Price Each

320	240	220	180	150	120	100	80	60	50
117,92	106,96	106,24	102,66	97,05	95,99	90,42	84,30	79,72	75,66

Packing 3 - Max rpm 3100

FLAPWHEELS IN ALUMINIUM OXIDE item **RL54**

diameter **300**mm - width **75**mm - bore 101mm

List Price Each

320	240	220	180	150	120	100	80	60	50
169,01	151,90	150,82	145,57	137,32	135,69	127,54	118,47	111,74	105,76

Packing 2 - Max rpm 3100

MARBLE RANGE



Flapwheels in flexible silicon carbide cloth, suitable for grinding and finishing of marbles and stones.

FLAPWHEELS IN SILICON CARBIDE CLOTH item **RLC53**

diameter **165**mm - width **30**mm - bore 54mm

List Price Each

320	180	150	120	100	80	60
30,20	27,80	26,47	26,38	25,62	23,68	22,90

Packing 5 - Max rpm 5700

FLANGES FOR FLAPWHEELS WITH BORE

REDUCING FLANGES IN PLASTIC item **FLR**

Wheel Bore mm	Reduced Bore mm	List Price Pair	Packing	Suitable for Wheels Ø mm
54	10 - 12 - 14 - 16 - 20 - 25 - 30	8,79	1 pair	165 - 200

REDUCING FLANGES IN ALUMINIUM item **KF18**

Wheel Bore mm	Reduced Bore mm	List Price Pair	Packing	Suitable for Wheels Ø mm
101	25	98,15	1 pair	250 - 300